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IDENTIFIERS	Test Bibliographies; Test Collection (Educational Testing Service)

ABSTRACT

The 50 diagnostic mathematics tests cited in this bibliography are instruments to aid in analyzing students' strengths and weaknesses in various mathematical areas so as to provide more effective instruction. The test citations are largely arranged in decreasing accession number order; and although grades 1 through 12 are represented, the tests are primarily designed for preschool through grade 3. Each test citation may include the following data elements: AN (a six-digit identification number assigned by the Test Collection); TI (name of the instrument); DT (components within the overall test that assess particular skills or factors); AU (personal or institutional author); YR (year in which the test was published or copyrighted); AV (test publisher or distributor); GL (list of grades for which the test is suitable); TG (list of ages for which the test is suitable); and AB (a description of the test and its purpose). (RLC)

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ETS TEST COLLECTION

ANNOTATED BIBLIOGRAPHY OF TESTS

MATHEMATICS — DIAGNOSTIC

PRESCHOOL–GRADE 3

ED 366 600

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EDUCATIONAL TESTING SERVICE
PRINCETON, NJ 08541

MATHEMATICS - DIAGNOSTIC, PRESCHOOL-GRADE 3
NOVEMBER 1991

SUPERSEDES MARCH, 1990 EDITION

INTRODUCTION

Scope of Bibliography

The tests described in this bibliography are instruments to aid in analyzing students' strengths and weaknesses in various mathematical areas so as to provide more effective instruction.

Availability

Copies of the tests described on the following pages must be obtained directly from the publisher, as stated in the AV AVAILABILITY section of each test citation. Generally, the Test Collection does not have distribution rights for its holdings. However, in special instances, the Test Collection has been granted permission from individual authors to distribute their tests, which are primarily research instruments. The AV AVAILABILITY information for these instruments will be Tests in Microfiche, Test Collection, Educational Testing Service, Princeton, NJ 08541.

Guide to Citation Elements

The following is a guide to the various elements which may be present in a test citation:

AN - Six-digit identification number assigned by the Test Collection

TI - Name of the instrument

DT - Components within the overall test which assess particular skills or factors

AU - Personal or institutional author

YR - Year test was published or copyrighted

AV - Test publisher or distributor; the organization which sells or distributes the instrument

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GL - List of grades for which test is suitable

TG - List of ages for which test is suitable

AB - A description of the test and its purpose

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AN ACCESSION NUMBER: TC016948 ETS 9103.
TI TITLE: Diagnostic Achievement Battery, Second Edition.
DT SUBTESTS: Story Comprehension; Characteristics; Synonyms; Grammatic Completion; Alphabet/Word Knowledge; Reading Comprehension; Capitalization; Punctuation; Spelling; Writing Composition; Mathematics Reasoning; Mathematics Calculation.
AU AUTHOR: Newcomer-Phyllis-L; Curtis-Dolores.
YR YEAR: 90.
AV AVAILABILITY: PRO-ED; 8700 Shoal Creek Boulevard, Austin, TX 78758.
TG TARGET AUDIENCE: AGE 6-14.
NT NOTES:
TIME: 120; approx.
AB ABSTRACT: A nationally standardized individual achievement test that can be used to assess children's abilities in listening, speaking, reading, writing, and mathematics. This instrument is intended to identify those students who are significantly below their peers and may profit from supplemental or remedial help; to determine the particular kinds of component strengths and weaknesses that individual students possess; to document students' progress in specific areas as a consequence of special intervention programs; and to serve as a measurement device in research studies of the academic achievement of elementary school children. Norming procedures were based on demographic characteristics and the types of normative statistics in terms of subtest standard scores, composite scores, percentile ranks, and grade equivalents.

AN ACCESSION NUMBER: TC016890 ETS 9011.
TI TITLE: Test of Early Mathematics Ability, Second Edition.
AU AUTHOR: Ginsburg-Herbert-P; Baroody-Arthur-J.
YR YEAR: 90.
AV AVAILABILITY: PRO-ED; 8700 Shoal Creek Boulevard, Austin, TX 78758.
TG TARGET AUDIENCE: AGE 3-8.
NT NOTES:
TIME: 20; approx.
ITEMS: 65.
AB ABSTRACT: A test of young children's mathematical thinking skills. Measures informal mathematics awareness in the areas of relative magnitude concepts, counting skills, and calculational skills. Also assesses competence in formal mathematics thinking with respect to knowledge of conventions, number facts, calculational skill, and base ten concepts. Can be used to identify gifted or delayed students, to identify strengths and weaknesses in mathematical thinking, to suggest instructional practices, to document progress, and for research projects. An update of the original Test of Early Mathematics Ability (TC 012363). Data on norms, reliabilty and validity are available. Test is individually administered. Is not a timed test but children should be able to finish relevant portion of test in approximately 20 minutes.

AN ACCESSION NUMBER: TC016182 ETS 8908.
TI TITLE: Key Math, Form B: A Diagnostic Inventory of Essential Mathematics.
DT SUBTESTS: Numeration; Rational Numbers; Geometry; Addition; Subtraction; Multiplication; Division; Mental Computation; Measurement; Time and Money; Estimation; Interpreting Data; Problem Solving.
AU AUTHOR: Connolly-Austin-J.
YR YEAR: 88.
AV AVAILABILITY: American Guidance Service; Publishers' Building, Circle Pines, MN 55014-1796.
GL GRADE LEVEL: K; 1; 2; 3; 4; 5; 6; 7; 8; 9.
NT NOTES:
TIME: 40.
AB ABSTRACT: This revision of the Key Math Diagnostic Arithmetic Test measures a student's knowledge of basic concepts, operations and applications. It is individually administered. Two parallel forms are available. Each subtest allows analysis of its three or four domains to determine strengths and weaknesses. Has spring and fall norms. Scores available are: percentile ranks, stanines, normal curve equivalents, grade equivalents, and age equivalents. Software is available to complete scoring. Several of the previous edition's subtests were expanded and three new subtests were added on estimation, data interpretation, and problem solving. Extensive information on validity, reliability and other technical considerations is provided.

AN ACCESSION NUMBER: TC016181 ETS 8908.
TI TITLE: Key Math, Form A: A Diagnostic Inventory of Essential Mathematics.
DT SUBTESTS: Numeration; Rational Numbers; Geometry; Addition; Subtraction; Multiplication; Division; Mental Computation; Measurement; Time and Money; Estimation; Interpreting Data; Problem Solving.
AU AUTHOR: Connolly-Austin-J.
YR YEAR: 88.
AV AVAILABILITY: American Guidance Service; Publishers' Building, Circle Pines, MN 55014-1796.
GL GRADE LEVEL: K; 1; 2; 3; 4; 5; 6; 7; 8; 9.
NT NOTES:
TIME: 40.
AB ABSTRACT: This revision of the Key Math Diagnostic Arithmetic Test measures a student's knowledge of basic concepts, operations and applications. It is individually administered. Two parallel forms are available. Each subtest allows analysis of its three or four domains to determine strengths and weaknesses. Has spring and fall norms. Scores available are: percentile ranks, stanines, normal curve equivalents, grade equivalents, and age equivalents. Software is available to complete scoring. Several of the previous edition's

subtests were expanded and three new subtests were added on estimation, data interpretation, and problem solving. Extensive information on validity, reliability and other technical considerations is provided.

AN ACCESSION NUMBER: TC016089 ETS 8904.
TI TITLE: Hudson Education Skills Inventory - Mathematics.
DT SUBTESTS: Numeration; Addition of Whole Numbers; Subtraction of Whole Numbers; Multiplication of Whole Numbers; Division of Whole Numbers; Fractions; Decimals; Percentages; Time; Money; Measurement; Statistics, Graphs, and Tables; Geometry; Word Problems.
AU AUTHOR: Hudson-Floyd-G; Colson-Steven-E.
YR YEAR: 89.
AV AVAILABILITY: PRO-ED; 8700 Shoal Creek Boulevard, Austin, TX 78758.
GL GRADE LEVEL: K; 1; 2; 3; 4; 5; 6; 7; 8; 9; 10; 11; 12.
NT NOTES: For other tests in the series, see TC 016 087 and TC 016 117.
AB ABSTRACT: Designed for use with students in grades K-12 who have dysfunctional learning patterns. Used to assess students' present level of performance in basic educational skills from a representative curriculum. Is a curriculm-based assessment tool using criterion-referenced principles and was developed to assist teachers, diagnosticians, and other educational specialists in assessing the academic performance of the targeted group. Assesses performance in specific curriculum skills, subskills, and objectives that are commonly taught in a continuous-progress K-6 curriculum. The K-6 structure is appropriate for assessing basic skill level of dysfunctional students in elementary, junior high, and senior high school grades. Provides the kinds of information needed for proper individualized education program (IEP) development.

AN ACCESSION NUMBER: TC015921 ETS 8908.
TI TITLE: California Diagnostic Mathematics Tests, Level C.
DT SUBTESTS: Number Concepts; Computation; Applications.
AU INSTITUTIONAL AUTHOR: CTB/McGraw Hill, Monterey, CA.
YR YEAR: 89.
AV AVAILABILITY: CTB McMillan/McGraw-Hill; 2500 Garden Rd., Monterey, CA 93940.
GL GRADE LEVEL: 3; 4.
NT NOTES:
ITEMS: 127.
AB ABSTRACT: Used to provide teachers with diagnostic information needed to plan remedial instruction for individual students or groups of students. Content and difficulty of various levels were developed with the special needs of lower-achieving students in mind. In addition to objectives-based diagnostic information, test also provides norm-referenced information for evaluating individual and group progress and for fulfilling state and federal requirements for

compensatory education and other specially funded programs. Assesses student performance in three areas: number concepts, computation, and mathematics applications. Level C measures those skills that are prerequisite to mathematics. CDMT is not a timed test.

AN ACCESSION NUMBER: TC015920 ETS 8908.
TI TITLE: California Diagnostic Mathematics Tests, Level B.
DT SUBTESTS: Number Concepts; Computation; Applications.
AU INSTITUTIONAL AUTHOR: CTB/McGraw Hill, Monterey, CA.
YR YEAR: 89.
AV AVAILABILITY: CTB McMillan/McGraw-Hill; 2500 Garden Rd., Monterey, CA 93940.
GL GRADE LEVEL: 2; 3.
NT NOTES:
ITEMS: 108.
AB ABSTRACT: Used to provide teachers with diagnostic information needed to plan remedial instruction for individual students or groups of students. Content and difficulty of various levels were developed with the special needs of lower-achieving students in mind. In addition to objectives-based diagnostic information, test also provides norm-referenced information for evaluating individual and group progress and for fulfilling state and federal requirements for compensatory education and other specially funded programs. Assesses student performance in three areas: number concepts, computation, and mathematics applications. Level B measures those skills that are prerequisite to mathematics. CDMT is not a timed test.

AN ACCESSION NUMBER: TC015919 ETS 8908.
TI TITLE: California Diagnostic Mathematics Tests, Level A.
DT SUBTESTS: Number Concepts; Computation; Applications.
AU INSTITUTIONAL AUTHOR: CTB/McGraw Hill, Monterey, CA.
YR YEAR: 89.
AV AVAILABILITY: CTB McMillan/McGraw-Hill; 2500 Garden Rd., Monterey, CA 93940.
GL GRADE LEVEL: 1; 2.
NT NOTES:
ITEMS: 98.
AB ABSTRACT: Used to provide teachers with diagnostic information needed to plan remedial instruction for individual students or groups of students. Content and difficulty of various levels were developed with the special needs of lower-achieving students in mind. In addition to objectives-based diagnostic information, test also provides norm-referenced information for evaluating individual and group progress and for fulfilling state and federal requirements for compensatory education and other specially funded programs. Assesses student performance in three areas: number concepts, computation, and mathematics applications. Level A measures skills that are prerequisite to mathematics. CDMT is not a timed test. Most of the test is administered orally.

AN ACCESSION NUMBER: TC015580 ETS 8807.
TI TITLE: WICAT Skills Assessment Test - Florida.
DT SUBTESTS: Mathematics; Reading; Writing.
AU INSTITUTIONAL AUTHOR: WICAT Systems, Orem, UT.
YR YEAR: 87.
AV AVAILABILITY: WICAT Systems; 1875 South State Street, Orem, UT 84058.
GL GRADE LEVEL: 3; 5; 8; 11.
NT NOTES:
ITEMS: 46.
AB ABSTRACT: Designed to measure student performance in subject areas against state-mandated minimum performance standards. Provides information for teachers to make individual curriculum and instructional decisions. Test results are said to be predictive of student performance on the state testing program and helpful in preparing students for the state tests. Prescriptive strategies for improving student performance are given. Tests can be administered online or via paper and pencil. When given online, Wicat Systems Computer Workstations are used. Also runs on IBM-PC and Apple IIe.

AN ACCESSION NUMBER: TC015579 ETS 8807.
TI TITLE: WICAT Skills Assessment Test - Texas.
DT SUBTESTS: Reading; Writing; Mathematics.
AU INSTITUTIONAL AUTHOR: WICAT Systems, Orem, UT.
YR YEAR: 87.
AV AVAILABILITY: WICAT Systems; 1875 South State Street, Orem, UT 84058.
GL GRADE LEVEL: 3; 5; 7; 9; 11.
NT NOTES:
ITEMS: 40.
AB ABSTRACT: Designed to measure student performance in subject areas, against state-mandated minimum skill objectives, for curriculum and instructional decisions. Based on the 1986 Texas Educational Assessment of Minimum Skills (TEAMS). Individual student scores are said to be predictive of success on the TEAMS. Prescriptive reports refer to specific lessons in WICAT-developed curriculum materials. Tests can be administered online or via paper and pencil. One test is available for each subject area, for each grade level. Each test measures ten objectives. Tests are administered via WICAT systems computer workstations when given online. Also runs on IBM-PC and Apple IIe.

AN ACCESSION NUMBER: TC015575 ETS 8807.
TI TITLE: WICAT Test Creation Package.
DT SUBTESTS: Reading; Mathematics; Language Arts.
AU INSTITUTIONAL AUTHOR: WICAT Systems, Orem, UT.
YR YEAR: 87.
AV AVAILABILITY: WICAT Systems; 1875 South State Street, Orem, UT 84058.

GL GRADE LEVEL: 2; 3; 4; 5; 6; 7; 8; 9; 10; 11; 12.
AB ABSTRACT: This relational database software package is designed for use by testing specialists in preparing localized criterion-referenced tests. Tailored to school district objectives, in paper-and-pencil and online administration formats. Contains data-banks of 700 objectives, 5000 test items and also teaching prescriptions. Said to be useful for both mainstream and special students. Online tests are scored automatically. Paper-and-pencil tests are scored via document scanner and scoring software. Report options include objectives-based, prescriptive student and class reports and conventional item analysis. Preparation of parallel forms and adaptive test administration is also performed. WICAT supplies the necessary computer software. Also runs on IBM-PC and Apple IIe.

AN ACCESSION NUMBER: TC015574 ETS 8807.
TI TITLE: WICAT Test of Basic Skills.
DT SUBTESTS: Mathematics; Reading; Language Arts.
AU INSTITUTIONAL AUTHOR: WICAT Systems, Orem, UT.
YR YEAR: 87.
AV AVAILABILITY: WICAT Systems; 1875 South State Street, Orem, UT 84058.
GL GRADE LEVEL: 2; 3; 4; 5; 6; 7; 8.
AB ABSTRACT: A series of tests in reading, mathematics, and language arts designed to measure students' basic competencies. Each test covers specific educational objectives based on the learning objectives of 35 states. Provides educational prescriptions for remediation. Assesses knowledge and mastery of skills, determines strengths and weaknesses of particular students. May be used at the beginning of the year for curriculum development based on student needs and at year's end to describe performance. Fourteen tests each contain 80-150 objective-referenced items covering 20-35 objective clusters. Items are multiple choice with graphics and audio. Online administrations are scored online. Paper and pencil testing requires a scanner and special software for scoring. All equipment for administration is purchased from WICAT. Also runs on IBM-PC and Apple IIe.

AN ACCESSION NUMBER: TC015512 ETS 8901.
TI TITLE: Einstein Assessment of School-Related Skills, Level 3.
DT SUBTESTS: Language/Cognition; Word Recognition; Oral Reading; Reading Comprehension; Auditory Memory; Arithmetic; Visual Motor Integration.
AU AUTHOR: Gottesman-Ruth-L; Cerullo-Frances-M.
YR YEAR: 88.
AV AVAILABILITY: Modern Curriculum Press; 13900 Prospect Road, Cleveland, OH 44136.
GL GRADE LEVEL: 3.
NT NOTES:

TIME: 10; approx.
ITEMS: 21.
AB ABSTRACT: An individually administered screening instrument that measures the major skill areas underlying school achievement. Designed to identify third grade children who are at risk for, or are experiencing learning difficulties, and who therefore should be referred for a comprehensive evaluation. Easily administered without special training.

AN ACCESSION NUMBER: TC015511 ETS 8901.
TI TITLE: Einstein Assessment of School-Related Skills, Level 2.
DT SUBTESTS: Language/Cognition; Word Recognition; Oral Reading; Reading Comprehension; Auditory Memory; Arithmetic; Visual-Motor Integration.
AU AUTHOR: Gottesman-Ruth-L; Cerullo-Frances-M.
YR YEAR: 88.
AV AVAILABILITY: Modern Curriculum Press; 13900 Prospect Road, Cleveland, OH 44136.
GL GRADE LEVEL: 2.
NT NOTES:
TIME: 10; approx.
ITEMS: 25.
AB ABSTRACT: An individually administered screening instrument that measures the major skill areas underlying school achievement. Designed to identify second grade children who are at risk for, or are experiencing learning difficulties, and who therefore should be referred for a comprehensive evaluation. Easily administered without special training.

AN ACCESSION NUMBER: TC015510 ETS 8901.
TI TITLE: Einstein Assessment of School-Related Skills, Level 1.
DT SUBTESTS: Language/Cognition; Word Recognition; Oral Reading; Reading Comprehension; Auditory Memory; Arithmetic; Visual-Motor Integration.
AU AUTHOR: Gottesman-Ruth-L; Cerullo-Frances-M.
YR YEAR: 88.
AV AVAILABILITY: Modern Curriculum Press; 13900 Prospect Road, Cleveland, OH 44136.
GL GRADE LEVEL: 1.
NT NOTES:
TIME: 10; approx.
ITEMS: 24.
AB ABSTRACT: An individually administered screening instrument that measures the major skill areas underlying school achievement. Designed to identify first grade children who are at risk for, or are experiencing learning difficulties, and who therefore should be referred for a comprehensive evaluation. Easily administered without special training.

AN ACCESSION NUMBER: TC015509 ETS 8901.
TI TITLE: Einstein Assessment of School-Related Skills, Level K.
DT SUBTESTS: Language/Cognition; Letter Recognition; Auditory Memory; Arithmetic; Visual-Motor Integration.
AU AUTHOR: Gottesman-Ruth-L; Cerullo-Frances-M.
YR YEAR: 88.
AV AVAILABILITY: Modern Curriculum Press; 13900 Prospect Road, Cleveland, OH 44136.
GL GRADE LEVEL: K.
TG TARGET AUDIENCE: Adults.
NT NOTES:
TIME: 10; approx.
ITEMS: 17.
AB ABSTRACT: An individually administered screening instrument that measures the major skill areas underlying school achievement. Designed to identify kindergarten children who are at risk for, or are experiencing learning difficulties, and who therefore should be referred for a comprehensive evaluation. Easily administered without special training.

AN ACCESSION NUMBER: TC015502 ETS 8807.
TI TITLE: Missouri Kindergarten Inventory of Developmental Skills, Alternate Form.
DT SUBTESTS: Number Concepts; Language; Verbal Concepts; Paper and Pencil Skills; Auditory and Visual Skills; Gross Motor Skills.
AU INSTITUTIONAL AUTHOR: Missouri Department of Elementary and Secondary Education.
AV AVAILABILITY: University of Missouri-Columbia; Center for Educational Assessment, 403 South Sixth Street, Columbia, MO 65211.
GL GRADE LEVEL: K.
TG TARGET AUDIENCE: AGE 4-6.
NT NOTES:
TIME: 35.
AB ABSTRACT: A version of the original test (see TC 015501) designed for use at an earlier age level (48 months to 72 months). It is also for screening children prior to entrance into kindergarten. Norms are based on a representative sample of children drawn from within the state. May be given in the spring or summer preceding kindergarten or at entrance. A parent questionnaire elicits information about the child at home.

AN ACCESSION NUMBER: TC015501 ETS 8807.
TI TITLE: Missouri Kindergarten Inventory of Developmental Skills, Revised.
DT SUBTESTS: Number Concepts; Language; Verbal Concepts; Paper and Pencil Skills; Auditory and Visual Skills; Gross Motor Skills.
AU INSTITUTIONAL AUTHOR: Missouri Department of Elementary and Secondary Education.
YR YEAR: 78.

AV AVAILABILITY: University of Missouri-Columbia; Center for Educational Assessment, 403 South Sixth Street, Columbia, MO 65211.
GL GRADE LEVEL: K.
TG TARGET AUDIENCE: AGE 4-6.
NT NOTES:
TIME: 35.
AB ABSTRACT: Designed for use in screening children prior to entrance into kindergarten. Norms are based on a representative sample of children drawn from within the state. This version is for use with children aged 54-72 months and can be given in the spring or summer preceding kindergarten or at entrance. See the Alternate Form (TC 015502) for a version beginning at 48 months. A parent questionnaire elicits information about the child at home.

AN ACCESSION NUMBER: TC015240 ETS 8802.
TI TITLE: ASSURE Test Development Software System.
AU AUTHOR: Armstrong-Robert-J; And Others.
YR YEAR: 84.
AV AVAILABILITY: Assurance, Inc.; 2455 E. Speedway, Suite 203; Tucson, AZ 85719.
GL GRADE LEVEL: K; 1; 2; 3; 4; 5; 6; 7; 8; 9; 10; 11; 12.
AB ABSTRACT: ASSURE is a software program controlling a database of test items for criterion-referenced test development. It allows the user to modify items and add new ones. The basic system (levels 1-8) contains 10,920 items in reading, grammar and mathematics (10 items per skill). Item banks for readiness skills and for levels 9-12 as well as item banks for science and social studies are available. The software operates on IBM, IBM Compatible and Apple IIe computers.

AN ACCESSION NUMBER: TC015197 ETS 8901.
TI TITLE: Teste de Matematica II.
DT SUBTESTS: Numbers; Geometry and Measuring; Basic Operations; Problems.
AU AUTHOR: Gaio-Joaquim-F.
AV AVAILABILITY: National Dissemination Center; 417 Rock Street, Fall River, MA 02720.
GL GRADE LEVEL: 2; 3.
NT NOTES:
TIME: 45.
ITEMS: 111.
AB ABSTRACT: A measure in Portuguese, of the knowledge of the major concepts of elementary mathematics of Portuguese speaking students. Can be used as a diagnostic tool to determine the strengths and weaknesses of its subjects. Also, aids educators in placement and grouping of students. Lastly, it helps monitor students' progress in mathematics. Primarily intended for the classroom teacher, but school psychologists and special educators will find it useful.

AN ACCESSION NUMBER: TC015176 ETS 8802.
TI TITLE: Metropolitan Achievement Tests, Sixth Edition, Mathematics Diagnostic Tests, Elementary.
DT SUBTESTS: Numeration; Geometry and Measurement; Problem Solving; Computation-Whole Numbers.
AU AUTHOR: Hogan-Thomas-P; And Others.
YR YEAR: 86.
AV AVAILABILITY: The Psychological Corporation; 555 Academic Court, San Antonio, TX 78204-2498.
GL GRADE LEVEL: 3; 4.
NT NOTES:
TIME: 127.
ITEMS: 168.
AB ABSTRACT: This is the diagnostic component of the Metropolitan Achievement Tests, 6th edition (MAT6). When used with the survey component, provides a comprehensive assessment package to meet varied needs of schools. For each level of the test, instructional objectives were identified. Each objective is assessed by at least three items. Criterion-referenced information is provided for each objective so that students' competence in meeting the objectives can be assessed. Designed as an instructional planning tool for classroom teachers and instructional specialists. Provides detailed prescriptive information on educational performance of individual students in terms of specific instructional objectives. Aids in instructional planning for students needing remediation or for those performing at average or above average levels. Diagnostic batteries are statistically equated to scores in the same domain as the corresponding MAT6 survey batteries. Provides both norm-referenced and criterion-referenced scores.

AN ACCESSION NUMBER: TC015175 ETS 8802.
TI TITLE: Metropolitan Achievement Tests, Sixth Edition, Mathematics Diagnostic Tests, Primary 2.
DT SUBTESTS: Numeration; Geometry and Measurement; Problem Solving; Computation-Whole Numbers.
AU AUTHOR: Hogan-Thomas-P; And Others.
YR YEAR: 86.
AV AVAILABILITY: The Psychological Corporation; 555 Academic Court, San Antonio, TX 78204-2498.
GL GRADE LEVEL: 2; 3.
NT NOTES:
TIME: 117.
ITEMS: 135.

AN ACCESSION NUMBER: TC015174 ETS 8802.
TI TITLE: Metropolitan Achievement Tests, Sixth Edition, Mathematics Diagnostic Tests, Primary 1.
DT SUBTESTS: Numeration; Geometry and Measurement; Problem Solving; Computation-Whole Numbers.

AU AUTHOR: Hogan-Thomas-P; And Others.
YR YEAR: 86.
AV AVAILABILITY: The Psychological Corporation; 555 Academic Court, San Antonio, TX 78204-2498.
GL GRADE LEVEL: 1; 2.
NT NOTES:
TIME: 130.
ITEMS: 138.

AN ACCESSION NUMBER: TC015020 ETS 8710.
TI TITLE: Metropolitan Readiness Tests, Level 2, Fifth Edition.
DT SUBTESTS: Beginning Consonants; Sound-Letter Correspondence; Visual Matching; Finding Patterns; School Language Listening; Quantitative Concepts; Quantitative Operations; Copying.
AU AUTHOR: Nurss-Joanne-R; McGauvran-Mary-E.
YR YEAR: 86.
AV AVAILABILITY: Psychological Corporation; 555 Academic Court, San Antonio, TX 78204-2498.
GL GRADE LEVEL: K; 1.
TG TARGET AUDIENCE: AGE 5-6.
NT NOTES:
TIME: 90; approx.
ITEMS: 97.

AN ACCESSION NUMBER: TC014866 ETS 8512.
TI TITLE: Pollack-Branden Inventory for Identification of Learning Disabilities, Dyslexia, and Classroom Dysfunction.
DT SUBTESTS: Spelling; Dictated Sentences and Handwriting; Sound/Symbol; Oral Reading Skills; Mathematics; Written Composition.
AU AUTHOR: Pollack-Cecelia; Branden-Ann.
YR YEAR: 86.
AV AVAILABILITY: Book-Lab; 500 74th Street, North Bergen, NJ 07047.
GL GRADE LEVEL: 1; 2; 3; 4; 5; 6; 7; 8; 9; 10; 11; 12.
NT NOTES:
TIME: 60; approx.
AB ABSTRACT: Criterion-referenced test designed to identify students in grades one through twelve who exhibit certain language weaknesses symptomatic of dyslexia. May also be used for basic skill diagnosis. Test may be administered to lower grades in 45 minutes, while in upper grades test may take 60 minutes. Error analysis is run on the responses so that an individualized curriculum may be developed for the student. Also provides information on the presence and remediation of dyslexia.

AN ACCESSION NUMBER: TC014001 ETS 8512.
TI TITLE: Sequential Assessment of Mathematics Inventories.
DT SUBTESTS: Mathematical Language; Ordinality; Number and Notation; Computation; Measurement; Geometric Concepts; Mathematical Applications; Word Problems.
AU AUTHOR: Reisman-Fredricka-K.
YR YEAR: 85.
AV AVAILABILITY: The Psychological Corporation; 555 Academic Court, San Antonio, TX 78204-2498.
GL GRADE LEVEL: K; 1; 2; 3; 4; 5; 6; 7; 8.
NT NOTES:
TIME: 60; approx.
AB ABSTRACT: Primarily intended for those educators who assess or instruct students who have difficulty in learning mathematics. May also be administered by teachers in regular classrooms to normally achieving students but is mainly intended for use by school personnel who normally assess student performance in mathematics, including school psychologists, educational diagnosticians, and special education teachers. Consists of two instruments to assess mathematics performance: the SAMI Standardized Inventory and a parallel program for classroom use, the SAMI Informal Inventory may be used independently or in combination to develop a comprehensive profile of a student's overall standing in the mathematics curriculum. Test is individually administered as takes from 20 to 60 minutes, depending on student's level.

AN ACCESSION NUMBER: TC013994 ETS 8512.
TI TITLE: Stanford Diagnostic Mathematics Test, Third Edition, Red Level.
DT SUBTESTS: Number System and Numeration; Computation;

Applications.
AU AUTHOR: Beatty-Leslie-S; And Others.
YR YEAR: 84.
AV AVAILABILITY: The Psychological Corporation; 555 Academic Court, San Antonio, TX 78204-2498.
GL GRADE LEVEL: 1; 2; 3; 4.
NT NOTES:
TIME: 85.
ITEMS: 90.
AB ABSTRACT: Designed to measure progress in basic mathematics concepts and skills and to identify individual needs for developing instructional strategies. Said to contain more easy items to increase reliability for students scoring below the 50th percentile. Complies with Chapter 1 testing requirements. Statistically linked with the Stanford Achievement Test (TC 011 695-011 700) for pre- and posttesting use. Two forms are available. Covers: whole numbers (addition, subtraction, multiplication, division), fractions, decimals, percent, equations, problem solving, tables and graphs, geometry and measurement.

AN ACCESSION NUMBER: TC013705 ETS 8512.
TI TITLE: Martinez Assessment of the Basic Skills: Criterion-Referenced Diagnostic Testing of Basic Skills.
DT SUBTESTS: Reading; Primary Language Concepts; Arithmetic; Spelling; Counting & Numerals; Time Telling.
AU AUTHOR: Martinez-David.
YR YEAR: 83.
AV AVAILABILITY: ASIEP Education Company; 4065 SW 55th Dr., Portland, OR 97221-2025.
GL GRADE LEVEL: K; 1; 2; 3; 4; 5; 6; 7; 8; 9.
NT NOTES:
TIME: 180; approx.
AB ABSTRACT: The six diagnostic criterion areas in this assessment instrument are appropriate for mildly handicapped students in the regular classroom as well as those served in resource and self-contained settings. Mildly handicapped generally refers to students identified under PL 94-142 and other non-categorical underachievers who may profit from a criterion-referenced skill assessment. No attemp should be made to assign grade level achievement to the six areas which are: Reading; Primary Language Concepts; Arithmetic; Spelling; Counting and Numerals; and Time Telling. There is a list of behavioral objectives with each area which may be used in the development of individual education programs (IEP's). A Spanish version is available for four of the tests: Arithmetic; Counting and Numerials; Time Telling and Primary Language Concepts.

AN ACCESSION NUMBER: TC013613 ETS 8512.
TI TITLE: DMI Mathematics Systems: System 1, Level D.
AU AUTHOR: Gessel-John.
YR YEAR: 83.

AV AVAILABILITY: CTB McMillan/McGraw-Hill; 2500 Garden Rd., Monterey, CA 93940.
GL GRADE LEVEL: 3; 4.
AB ABSTRACT: A criterion-referenced approach to mathematics assessment and instruction for students in kindergarten through grade 8. Helps teachers to identify students' strengths and weaknesses. Designed to enable teachers to place students for assessment, diagnose students' instructional needs, prescribe activities; teach specific skills, monitor progress and reinforce and enrich mastered skills. Assessment materials evaluate students' mastery of instructional objectives common to mathematics curricula in grades K through 8 and above. Objectives are organized into four strands: whole numbers, fractions and decimals, measurement and geometry, and problem solving and special topics. Strands are divided into 29 categories of objectives and these are subdivided into 82 instructional objectives.

AN ACCESSION NUMBER: TC013612 ETS 8512.
TI TITLE: DMI Mathematics Systems: System 1, Level C.
AU AUTHOR: Gessel-John.
YR YEAR: 83.
AV AVAILABILITY: CTB McMillan/McGraw-Hill; 2500 Garden Rd., Monterey, CA 93940.
GL GRADE LEVEL: 2; 3.

AN ACCESSION NUMBER: TC013611 ETS 8512.
TI TITLE: DMI Mathematics Systems: System 1, Level B.
AU AUTHOR: Gessel-John.
YR YEAR: 83.
AV AVAILABILITY: CTB McMillan/McGraw-Hill; 2500 Garden Rd., Monterey, CA 93940.
GL GRADE LEVEL: 1; 2.

AN ACCESSION NUMBER: TC013610 ETS 8512.
TI TITLE: DMI Mathematics Systems: System 1, Level A.
AU AUTHOR: Gessel-John.
YR YEAR: 83.
AV AVAILABILITY: CTB McMillan/McGraw-Hill; 2500 Garden Rd., Monterey, CA 93940.
GL GRADE LEVEL: K; 1.

AN ACCESSION NUMBER: TC013584 ETS 8512.
TI TITLE: Wide Range Achievement Test, Revised.
DT SUBTESTS: Reading; Spelling; Arithmetic.
AU AUTHOR: Jastak-Sarah; Wilkinson-Gary-S.
YR YEAR: 84.
AV AVAILABILITY: Jastak Assessment Systems; P.O. Box 3410,

Wilmington, DE 19804-0250.
TG TARGET AUDIENCE: AGE 5-17, Adults, Older Adults.
NT NOTES:
TIME: 30; approx.
AB ABSTRACT: A restandardization of the Wide Range Achievement Test available in two levels. Level 1 is designed for use with children from age 5 through age 11. Level 2 is designed for use for people from age 12 through age 74. The purpose of the WRAT is to measure the codes needed to learn the basic skills of reading, spelling, and arithmetic. It was intentionally designed to eliminate as much as possible the effects of comprehension. Can be used to determine if and where individual is having difficulty and to prescribe remedial/educational programs to treat the deficit.

AN ACCESSION NUMBER: TC013566 ETS 8512.
TI TITLE: Regional Resource Center Diagnostic Inventories in Reading and Math.
AU INSTITUTIONAL AUTHOR: Northwest Regional Resource Center, Eugene, OR.
YR YEAR: 71.
AV AVAILABILITY: Tests in Microfiche; Test Collection, Educational Testing Service, Princeton, NJ 08541.
GL GRADE LEVEL: 1; 2; 3; 4; 5; 6.
AB ABSTRACT: Designed to allow the teacher to specify reading and math skills in which students may need remedial instruction and to identify the level at which instruction should be provided. The criterion-referenced tests cover basic math computation and reading decoding skills. The inventories are designed so that teachers can administer, score, and interpret the test so that educational planning can be done directly from the test.

AN ACCESSION NUMBER: TC013466 ETS 8512.
TI TITLE: Diagnostic Screening Test: Math, Third Edition, Revised.
DT SUBTESTS: Money; Time; Per Cent; U.S. Measurement; Metric; Addition; Subtraction; Multiplication; Division.
AU AUTHOR: Gnagey-Thomas-D.
YR YEAR: 80.
AV AVAILABILITY: Slosson Educational Publications; P.O. Box 280; East Aurora, NY 14052.
GL GRADE LEVEL: 1; 2; 3; 4; 5; 6; 7; 8; 9; 10.
NT NOTES:
TIME: 20; approx.
ITEMS: 73.
AB ABSTRACT: Designed to assess basic computational skills as well as knowledge of percent metric measurement, money, and time. Yields a grade equivalent score. Forms A and B are available.

AN ACCESSION NUMBER: TC012268 ETS 8512.
TI TITLE: Diagnostic Test of Arithmetic Strategies.
DT SUBTESTS: Addition; Sutbraction; Multiplication; Division.
AU AUTHOR: Ginsburg-Herbert-P; Mathews-Steven-C.
YR YEAR: 84.
AV AVAILABILITY: Pro-Ed; 8700 Shoal Creek Blvd., Austin, TX 78758-6897.
GL GRADE LEVEL: 1; 2; 3; 4; 5; 6.
NT NOTES:
TIME: 80; approx.
AB ABSTRACT: Purpose is to measure procedures elementary school students use to perform arithmetic calculations in addition, subtraction, multiplication, and division. Focuses on successful and unsuccessful strategies and identifies procedures which lead to incorrect responses which must be modified or eliminated. Each of the tests contains four sections which measure ability to set up the problem; number fact knowledge; use of algorithms, invented procedures, bugs, and slips; and the capacity to use informal procedures. Test is untimed; on the average, each of the four tests should take approximately 20 minutes. Tests are individually administered. Typically, child will only take one of the four tests in a testing period.

AN ACCESSION NUMBER: TC012212 ETS 8410.
TI TITLE: Basic Achievement Skills Individual Screener.
DT SUBTESTS: Reading; Mathematics; Spelling; Writing.
AU INSTITUTIONAL AUTHOR: The Psychological Corporation, Cleveland, OH.
YR YEAR: 83.
AV AVAILABILITY: The Psychological Corporation; 555 Academic Court, San Antonio, TX 78204-2498.
GL GRADE LEVEL: 1; 2; 3; 4; 5; 6; 7; 8; 9; 10; 11; 12.
NT NOTES:
TIME: 55.
AB ABSTRACT: Individually administered achievement test providing norm- and criterion-referenced score interpretation in reading, mathematics and spelling. An optional writing sample is included. For use as part of diagnostic assessment of students prior to development of IEP's or in placing students in class or text. Norms available for native American students (GR. 5-7), hearing impaired children (GR. 4-6); emotionally handicapped students (Gr. 6-8), educable mentally retarded students (Gr. 7-9), gifted students (Gr. 2-5); Learning disabled (Gr. 3-8). Said to be useful with a post-high school population.

AN ACCESSION NUMBER: TC012161 ETS 8410.
TI TITLE: Brigance Diagnostic Assessment of Basic Skills - Spanish Edition.
DT SUBTESTS: Readiness; Speech; Functional Word Recognition; Oral Reading; Reading Comprehension; Word Analysis; Listening; Writing and Alphabetizing; Numbers and Computation; Measurement.
AU AUTHOR: Brigance-Albert-H.
YR YEAR: 83.
AV AVAILABILITY: Curriculum Associates, Inc.; 5 Esquire Road, North Billerica, MA 01862-2589.
GL GRADE LEVEL: K; 1; 2; 3; 4; 5; 6.
NT NOTES:
ITEMS: 102.
AB ABSTRACT: A diagnostic assessment designed for use with Spanish-speaking, elementary-aged children. Designed to determine functioning level in Spanish; learning problems and language barriers; and basic skills. The items were translated into Spanish from the Brigance Diagnostic Inventory of Basic Skills (TC011925). Several items are provided in English and Spanish to aid in determining language dominance.

AN ACCESSION NUMBER: TC012066 ETS 8410.
TI TITLE: Inventory of Basic Arithmetic Skills.
DT SUBTESTS: Wide Range Placement; Basic Facts; Skills.
AU AUTHOR: Enright-Brian-E.
YR YEAR: 83.
AV AVAILABILITY: Curriculum Associates; 5 Esquire Road, North Billerica, MA 01862-02589.

GL GRADE LEVEL: 2; 3; 4; 5; 6.
AB ABSTRACT: A series of criterion-referenced tests for use in measuring knowledge of basic facts and skills for placement and diagnosis. Wide Range Placement Test establishes starting point for testing. Covers operations with whole numbers, fractions, decimals. Each test contains 4 to 10 items.

AN ACCESSION NUMBER: TC012035 ETS 8410.
TI TITLE: Analytic Learning Disability Assessment.
AU AUTHOR: Gnagey-Thomas-D; Gnagey-Patricia-A.
YR YEAR: 82.
AV AVAILABILITY: Slosson Educational Publications; P.O. Box 280; East Aurora, NY 14052.
GL GRADE LEVEL: 1; 2; 3; 4; 5; 6; 7; 8; 9; 10; 11; 12.
TG TARGET AUDIENCE: AGE 5-17.
NT NOTES:
TIME: 75; approx.
ITEMS: 77.
AB ABSTRACT: Used to distinguish those students with specific learning skills deficits from those not having those deficits. Tests 77 skills which underlie basic school subjects, to reveal how students go about individual processes of learning. Summary scores include conceptualization and generalization, neuropsychological effiency and organization, subject achievement potential; grade level achievement; educational lag; age level achievement; learning lag; neuropsychological lag; neuropsychological achievement potential; mean achievement level; neuropsychological achievement proficiency; failed unit score total; pervasive school readiness dysfunction; content achievement potential.

AN ACCESSION NUMBER: TC011925 ETS 8410.
TI TITLE: Brigance Diagnostic Comprehensive Inventory of Basic Skills.
DT SUBTESTS: Readiness; Speech; Word Recognition Grade Placement; Oral Reading; Reading Comprehension; Listening; Functional Word Recognition; Word Analysis; Reference Skills; Writing; Math Grade Placement; Numbers; Number Facts; Computation of Whole Numbers; Fractions and Mixed Numbers; Decimals; Percents; Word Problems; Graphs and Maps; Spelling; Metrics; Math Vocabulary.
AU AUTHOR: Brigance-Albert-H.
YR YEAR: 83.
AV AVAILABILITY: Curriculum Associates; 5 Esquire Road, North Billerica, MA 01862-2589.
GL GRADE LEVEL: K; 1; 2; 3; 4; 5; 6; 7; 8; 9.
AB ABSTRACT: Designed primarily for use in elementary and middle schools and is of value for those school programs which emphasize individualized instruction and which serve students with special needs. Inventory contains 203 skill sequences to be assessed in the areas of reading, listening, research and study skills, spellling, language and mathematics. Forms A and B are available for 51 of the

skill sequences. Inventory may be used as an assessment instrument for screening and diagnostic purposes, as an instructional guide for educational objectives, a record-keeping and tracking system, a tool to develop and communicate individualized instructional plans, and as a resource for curriculum and staff development.

AN ACCESSION NUMBER: TC011864 ETS 8304.
TI TITLE: Basic School Skills Inventory -- Diagnostic.
DT SUBTESTS: Daily Living Skills; Spoken Language; Reading Readiness; Writing Readiness; Mathematics Readiness; Classroom Behavior.
AU AUTHOR: Hammill-Donald-D; Leigh-James-E.
YR YEAR: 83.
AV AVAILABILITY: PRO-ED; 8700 Shoal Creek Blvd., Austin, TX 78758.
TG TARGET AUDIENCE: AGE 4-6.
NT NOTES:
TIME: 30; approx.
ITEMS: 110.
AB ABSTRACT: Used to assist teachers and other educational personnel in assessing abilities of young children. Test has four main uses: to identify children performing significantly below their peers in the areas measured; to reveal specific strengths and weaknesses for instructional purposes; to document progress resulting from intervention programs; to use in research studies involving young children. Also suitable for use with older children who function within the developmental range of 4 to 6 years, such as retarded, underachievers, slow learners, learning disabled, educationally handicapped, or developmentally young. There are no time limits on test; time will vary but generally should not exceed 30 minutes.

AN ACCESSION NUMBER: TC010487 ETS 8410.
TI TITLE: Brigance Diagnostic Inventory of Basic Skills.
DT SUBTESTS: Readiness; Reading; Language Arts; Math.
AU AUTHOR: Brigance-Albert-H.
YR YEAR: 77.
AV AVAILABILITY: Curriculum Associates, Inc.; 5 Esquire Rd., North Billerica, MA 01862.
GL GRADE LEVEL: K; 1; 2; 3; 4; 5; 6.
NT NOTES:
TIME: 20.
ITEMS: 2890.
AB ABSTRACT: Individually administered inventory designed to assess basic readiness and academic skills, measure and record performance, and as an aid in individualizing instruction.

AN ACCESSION NUMBER: TC010334 ETS 8410.
TI TITLE: Basic Educational Skills Test.
DT SUBTESTS: Reading; Writing; Mathematics.
AU AUTHOR: Segal-Ruth; Golding-Sandra.

YR YEAR: 79.
AV AVAILABILITY: United Educational Services; P.O. 1099, Buffalo, NY 14224.
GL GRADE LEVEL: 1; 2; 3; 4; 5.
NT NOTES:
TIME: 60.
ITEMS: 75.
AB ABSTRACT: Individually administered assessment of perceptual abilities and academic skills. May be administered by teacher, aide or parent. Recording form correlates performance on each item with relevant perceptual modalities.

AN ACCESSION NUMBER: TC008173 ETS 8410.
TI TITLE: Criterion Test of Basic Skills.
DT SUBTESTS: Letter Recognition; Letter Sounding; Blending and Sequencing; Special Sounds; Sight Words; Letter Writing; Correspondence; Numbers and Numerals; Addition; Subtraction; Multiplication; Division; Money Measurement; Telling Time; Symbols; Fractions; Decimals and Percents.
AU AUTHOR: Lundell-Kerth; And Others.
YR YEAR: 76.
AV AVAILABILITY: Academic Therapy Publications; 20 Commercial Blvd., Novato, CA 94947.
TG TARGET AUDIENCE: AGE 6-10.
NT NOTES:
TIME: 15; approx.
AB ABSTRACT: Designed to help educators identify individual skills which youngsters have learned and which need to be learned so that instructional activities can be planned more precisely. A reading or arithmetic assessment should only take 10-15 minutes. Administration of the test is discontinued as the student experiences failure on two consecutive objectives.

AN ACCESSION NUMBER: TC007802 ETS 8410.
TI TITLE: Essential Math And Language Skills.
DT SUBTESTS: Language Skills; Sets And Operations; Numbers And Operations; Part And Whole Relations; Spatial Relations; Measurement; Patterns.
AU AUTHOR: Sternberg-Les; And Others.
YR YEAR: 78.
AV AVAILABILITY: PRO-ED; 8700 Shoal Creek Blvd., Austin, TX 78758-6897.
TG TARGET AUDIENCE: AGE 4-10.
AB ABSTRACT: Individually administered instrument used to 1) assess a student's ability to recognize various pattern sequences and 2) measure the cognitive readiness of handicapped (or normal) students relating to mathematical and language concepts. Pattern Recognition Skills Inventory was incorporated into the Program.

AN ACCESSION NUMBER: TC810543 ETS 8512.
TI TITLE: Early Mathematical Language.
DT SUBTESTS: Position in Space; Number; Length; Weight and Shape; Volume and Capacity; Time.
AU AUTHOR: Williams-Margaret; Somerwill-Heather.
YR YEAR: 82.
AV AVAILABILITY: Macmillan Education; Houndmills Basingstoke, Hampshire RG21 2XS, England.
GL GRADE LEVEL: K; 1.
AB ABSTRACT: Designed to assess the mathematical language a child has acquired before entering school. Six pupil booklets may be used to screen children during their first year at school. Book 1 is used when children are adjusted to the classroom situation. Books 2-6 may be used before or after new concepts in mathematics are introduced. The child's knowledge of mathematical concepts and vocabulary are assessed.

AN ACCESSION NUMBER: TC810486 ETS 8512.
TI TITLE: Profile of Mathematical Skills, Levels 1 and 2.
DT SUBTESTS: Addition; Subtraction; Multiplication; Division; Operations Measurement and Money; Fractions; Decimal Fractions And Percentages; Diagrams; Extensions.
AU AUTHOR: France-Norman.
YR YEAR: 79.
AV AVAILABILITY: NFER-Nelson Publishing Company; Darville House, 2 Oxford Road East, Windsor, Berkshire SL4 1DF, England.
TG TARGET AUDIENCE: AGE 8-14.
NT NOTES:
ITEMS: 232.
AB ABSTRACT: A criterion referenced instrument used to measure a student's mathematical achievement and to diagnose his strengths and weaknesses in the various math areas. To be administered at the rate of one subtest per class period over one to two weeks. Level 1, for younger children, has 47 four-part items and lacks the subtests for fractions, etc. and for diagrams; level 2 has 58 four-part items.

AN ACCESSION NUMBER: TC810384 ETS 8512.
TI TITLE: Richmond Tests Of Basic Skills.
DT SUBTESTS: Vocabulary; Reading Comprehension; Spelling; Use of Capital Letters; Punctuation; Language Usage; Map Reading; Graphs And Tables; Reference Materials; Mathematical Concepts; Mathematics Problem Solving.
AU AUTHOR: Hieronymus-A-N; And Others.
YR YEAR: 74.
AV AVAILABILITY: NFER-Nelson Publishing Company; Darville House, 2 Oxford Road East, Windsor, Berks SL4 1DF, England.
TG TARGET AUDIENCE: AGE 8-13.
NT NOTES:

TIME: 439.
AB ABSTRACT: Battery of 11 timed tests, designed to measure achievement level in five areas of basic skills: vocabulary, reading comprehension, language skills, study skills, mathematics. Used for measuring the amount of fundamental skills acquired as well as providing a diagnosis of areas of general strengths and weaknesses. The Pupil's Book (96 pages) includes all 11 tests for the six levels of difficulty. Number of questions in each test vary with the level.

AN ACCESSION NUMBER: TC810349-TC810347 ETS 8512.
TI TITLE: Basic Mathematics Tests A, B, C.
AU INSTITUTIONAL AUTHOR: National Foundation For Educational Research In England and Wales, London.
YR YEAR: 70.
AV AVAILABILITY: NFER-Nelson Publishing Co.; Darville House, 2 Oxford Road East, Windsor SL4 1DF, Berkshire, England.
TG TARGET AUDIENCE: AGE 6-10.
NT NOTES:
TIME: 60; approx.
ITEMS: 50.
AB ABSTRACT: Measures the student's understanding of relationship and processes which lay the foundation for understanding mathematics. Includes questions on area, graphical representation, inequality, elementary knowledge of sets, decimals, fractions, and symmetry. While not timed, most students should finish in 50 minutes. The results may be used to determine the student's level of attainment, to compare students with each other, and to provide diagnostic information concerning the student's strengths and weaknesses.